

Catherine M Sweeney-Reed

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,030
citations

394421

19
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Pool Testing as a Strategy for Prevention of SARS-CoV-2 Outbreaks in Schools: Protocol for a Feasibility Study. <i>JMIR Research Protocols</i> , 2021, 10, e28673.	1.0	8
2	The role of the anterior nuclei of the thalamus in human memory processing. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 146-158.	6.1	38
3	Feasibility of a surveillance programme based on gargle samples and pool testing to prevent SARS-CoV-2 outbreaks in schools. <i>Scientific Reports</i> , 2021, 11, 19521.	3.3	5
4	How to Implement Safe, Efficient and Cost-Effective SARS-CoV-2 Testing in Urban and Rural Schools within One Month. <i>Covid</i> , 2021, 1, 717-727.	1.5	4
5	Neuronal oscillations of the pedunculopontine nucleus in progressive supranuclear palsy: Influence of levodopa and movement. <i>Clinical Neurophysiology</i> , 2020, 131, 414-419.	1.5	2
6	Convolutional neural networks for decoding of covert attention focus and saliency maps for EEG feature visualization. <i>Journal of Neural Engineering</i> , 2019, 16, 066010.	3.5	62
7	Neuronal spiking in the pedunculopontine nucleus in progressive supranuclear palsy and in idiopathic Parkinson's disease. <i>Journal of Neurology</i> , 2019, 266, 2244-2251.	3.6	5
8	Long-term outcomes of semi-implantable functional electrical stimulation for central drop foot. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 72.	4.6	5
9	Cortico-Muscular Coherence Is Reduced Acutely Post-stroke and Increases Bilaterally During Motor Recovery: A Pilot Study. <i>Frontiers in Neurology</i> , 2019, 10, 126.	2.4	43
10	Interocular transfer of visual memory – Influence of visual impairment and abnormalities of the optic chiasm. <i>Neuropsychologia</i> , 2019, 129, 171-178.	1.6	3
11	CSF macrophage migration inhibitory factor levels did not predict steroid treatment response after optic neuritis in patients with multiple sclerosis. <i>PLoS ONE</i> , 2018, 13, e0207726.	2.5	3
12	CSF-Progranulin and Neurofilament Light Chain Levels in Patients With Radiologically Isolated Syndrome – Sign of Inflammation. <i>Frontiers in Neurology</i> , 2018, 9, 1075.	2.4	21
13	Modulation of Working Memory Using Transcranial Electrical Stimulation: A Direct Comparison Between TACS and TDCS. <i>Frontiers in Neuroscience</i> , 2018, 12, 761.	2.8	43
14	Ketamine influences the locus coeruleus norepinephrine network, with a dependency on norepinephrine transporter genotype – a placebo controlled fMRI study. <i>NeuroImage: Clinical</i> , 2018, 20, 715-723.	2.7	29
15	Empirical Mode Decomposition and its Extensions Applied to EEG Analysis: A Review. <i>Advances in Data Science and Adaptive Analysis</i> , 2018, 10, 1840001.	0.4	29
16	Exposure to attachment narratives dynamically modulates cortical arousal during the resting state in the listener. <i>Brain and Behavior</i> , 2018, 8, e01007.	2.2	12
17	Lower Serum Zinc Levels in Patients with Multiple Sclerosis Compared to Healthy Controls. <i>Nutrients</i> , 2018, 10, 967.	4.1	22
18	Novelty seeking and reward dependence-related large-scale brain networks functional connectivity variation during salience expectancy. <i>Human Brain Mapping</i> , 2017, 38, 4064-4077.	3.6	24

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19	Loss of corticospinal tract integrity in early MS disease stages. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e399.	6.0	37
20	Robot-Assisted and Device-Based Rehabilitation of the Upper Extremity. <i>Neurology International Open</i> , 2017, 01, E242-E246.	0.4	9
21	Anterior Thalamic High Frequency Band Activity Is Coupled with Theta Oscillations at Rest. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 358.	2.0	20
22	Pre-stimulus thalamic theta power predicts human memory formation. <i>NeuroImage</i> , 2016, 138, 100-108.	4.2	45
23	Interhemispheric connectivity in amyotrophic lateral sclerosis: A near-infrared spectroscopy and diffusion tensor imaging study. <i>NeuroImage: Clinical</i> , 2016, 12, 666-672.	2.7	11
24	Thalamic interictal epileptiform discharges in deep brain-stimulated epilepsy patients. <i>Journal of Neurology</i> , 2016, 263, 2120-2126.	3.6	20
25	Near-infrared spectroscopy and transcranial sonography to evaluate cerebral autoregulation in middle cerebral artery steno-occlusive disease. <i>Journal of Neurology</i> , 2016, 263, 2296-2301.	3.6	8
26	Clinical, neuropsychological, and pre-stimulus dorsomedial thalamic nucleus electrophysiological data in deep brain stimulation patients. <i>Data in Brief</i> , 2016, 8, 557-561.	1.0	3
27	Functional electrical stimulation through direct 4-channel nerve stimulation to improve gait in multiple sclerosis: a feasibility study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 100.	4.6	25
28	Progranulin and Amyloid- β^2 Levels: Relationship to Neuropsychology in Frontotemporal and Alzheimer's β ™s Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 375-380.	2.6	34
29	Thalamic theta phase alignment predicts human memory formation and anterior thalamic cross-frequency coupling. <i>ELife</i> , 2015, 4, .	6.0	33
30	Exploration of the neural correlates of cerebral palsy for sensorimotor BCI control. <i>Frontiers in Neuroengineering</i> , 2014, 7, 20.	4.8	20
31	Corticothalamic phase synchrony and cross-frequency coupling predict human memory formation. <i>ELife</i> , 2014, 3, e05352.	6.0	82
32	Neural Correlates of True and False Memory in Mild Cognitive Impairment. <i>PLoS ONE</i> , 2012, 7, e48357.	2.5	20
33	A novel approach to the detection of synchronisation in EEG based on empirical mode decomposition. <i>Journal of Computational Neuroscience</i> , 2007, 23, 79-111.	1.0	149
34	EMG signal filtering based on Empirical Mode Decomposition. <i>Biomedical Signal Processing and Control</i> , 2006, 1, 44-55.	5.7	149